

Serial Numbers

09/276,935B

ENTERED

RECEIVED

TECHNICAL UNIT

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: \_\_\_\_\_
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

\*Examiner: ~~The above corrections must be communicated to the applicant in the first Office Action.~~ DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/276,935B DATE: 05/04/2000  
 TIME: 18:15:10

Input Set : A:\Pto.amc  
 Output Set : N:\CRF3\08042000\I276935B.raw

```

2 <110> APPLICANT: KILWEER, Steven A.
3 <110> JONES, Steven A.
4 <110> WILSON, Timothy M.
5 <120> TITLE OF INVENTION: AN ORPHAN NUCLEAR RECEPTOR
6 <130> FILE REFERENCE: 510-125
10 <110> CURRENT APPLICATION NUMBER: 04/276,935B
11 <111> CURRENT FILING DATE: 1999-03-26
13 <150> PRIOR APPLICATION NUMBER: 00/099,593
14 <151> PRIOR FILING DATE: 1998-03-27
16 <160> NUMBER OF SEQ ID NOS: 18
18 <170> SOFTWARE: PatentIn Ver. 2.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 29
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
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29 ctgtctggcca tccaggacat
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34 <213> ORGANISM: Artificial Sequence
36 <220> FEATURE:
37 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
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43 <211> LENGTH: 34
44 <212> TYPE: DNA
45 <213> ORGANISM: Artificial Sequence
47 <220> FEATURE:
48 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
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53 <210> SEQ ID NO: 4
54 <211> LENGTH: 31
55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial Sequence
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59 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
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65 <211> LENGTH: 29
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence

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RAW SEQUENCE LISTING  
 PATENT APPLICATION US/09/276,935B  
 DATE: 08/04/2000  
 TIME: 15:13:10

Input Set : A:\Pto.amc  
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78 <213> ORGANISM: Artificial Sequence
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91 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
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103 <223> OTHER INFORMATION: Description of Artificial Sequence: Probe
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109 <211> LENGTH: 32
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111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
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122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
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129   1           5           10
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133 <211> LENGTH: 316
134 <212> TYPE: PRT
135 <213> ORGANISM: Artificial Sequence

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RAW SEQUENCE LISTING                      DATE: 08/01/2008  
 PATENT APPLICATION      US/09/276,935B      TIME: 18:13:10

Input Set: A:\Pto.amc  
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138 <223> OTHER INFORMATION: Description of Artificial Sequence: Protein
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142 1 10 11
143 Thr Gln Pro Leu Gly Val Gln Gly Leu Thr Glu Gln Gln Ala Met Met
144 20 30 40 50 60
145 Ile Arg Glu Leu Met Asp Ala Gln Met Lys Thr Phe Asp Thr Tyr Phe
146 70 80 90 100 110
147 Ser His Phe Lys Asn Phe Arg Leu Pro Gly Val Leu Ser Ser Gly Cys
148 120 130 140 150 160
149 Glu Leu Pro Glu Ser Leu Gln Ala Pro Ser Arg Gln Glu Ala Ala Lys
150 170 180 190 200 210
151 Trp Ser Cln Val Arg Lys Asp Leu Cys Ser Leu Lys Val Ser Leu Gln
152 220 230 240 250 260
153 Leu Arg Gly Glu Asp Gly Ser Val Trp Asn Tyr Lys Pro Pro Ala Asp
154 270 280 290 300 310
155 Ser Gly Gly Lys Glu Ile Phe Ser Leu Leu Pro His Met Ala Asp Met
156 320 330 340 350 360
157 Ser Thr Tyr Met Phe Lys Gly Ile Ile Ser Phe Ala Lys Val Ile Ser
158 370 380 390 400 410
159 Tyr Phe Arg Asp Leu Pro Ile Glu Asp Glu Ile Ser Leu Leu Lys Gly
160 420 430 440 450 460
161 Ala Ala Phe Glu Leu Cys Gln Leu Arg Phe Asn Thr Val Phe Asn Ala
162 470 480 490 500 510
163 Glu Thr Gly Thr Trp Glu Cys Gly Arg Leu Ser Tyr Cys Leu Glu Asp
164 520 530 540 550 560
165 Thr Ala Gly Gly Phe Gln Gln Leu Leu Leu Glu Pro Met Leu Lys Phe
166 570 580 590 600 610
167 His Tyr Met Leu Lys Lys Leu Gln Leu His Glu Glu Glu Tyr Val Leu
168 620 630 640 650 660
169 Met Gln Ala Ile Ser Leu Phe Ser Pro Asp Arg Pro Gly Val Leu Gln
170 670 680 690 700 710
171 His Arg Val Val Asp Gln Leu Gln Glu Gln Phe Ala Ile Thr Leu Lys
172 720 730 740 750 760
173 Ser Tyr Ile Gln Cys Asn Arg Pro Gln Pro Ala His Arg Phe Leu Phe
174 770 780 790 800 810
175 Leu Lys Ile Met Ala Met Leu Thr Glu Leu Arg Ser Ile Asn Ala Gln
176 820 830 840 850 860
177 His Thr Arg Leu Leu Arg Ile Gln Asp Ile His Pro Phe Ala Thr
178 870 880 890 900 910
179 Pro Leu Met Gln Glu Leu Phe Gly Ile Thr Gly Ser
180 920 930 940 950
181 <10> SEQ ID NO: 12
182 <11> LENGTH: 342
183 <12> TYPE: PRT
184 <13> ORGANISM: Artificial Sequence
185 <220> FEATURE.
186 <223> OTHER INFORMATION: Description of Artificial Sequence: Protein

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## RAW SEQUENCE LISTING

DATE: 03/04/2000

PATENT APPLICATION US/09/276,935B

TIME: 18:13:15

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210 &gt;160&gt; SEQUENCE: 12

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213 1 5 15 11
215 Glu Ala Glu Leu Ala Val Glu Pro Lys Thr Glu Thr Tyr Val Glu Ala
217 26 35 30
218 Asn Met Gly Leu Asn Pro Ser Ser Pro Asn Asp Pro Val Thr Asn Ile
219 43 40 45
221 Cys Glu Ala Ala Asp Lys Glu Leu Phe Thr Leu Val Glu Trp Ala Lys
222 50 55 60
224 Arg Ile Pro His Phe Ser Glu Leu Pro Leu Asp Asp Glu Val Ile Leu
226 63 75 80
227 Leu Arg Ala Gly Trp Asn Glu Leu Leu Ile Ala Ser Phe Ser His Arg
229 83 90 95
230 Ser Ile Ala Val Lys Asp Gly Ile Leu Leu Ala Thr Gly Leu His Val
231 100 105 110
233 His Arg Asn Ser Ala His Ser Ala Gly Val Gly Ala Ile Phe Asp Arg
234 115 120 125
236 Val Leu Thr Glu Leu Val Ser Lys Met Arg Asp Met Glu Met Asp Lys
237 130 135 140
239 Thr Glu Leu Gly Cys Leu Arg Ala Ile Val Leu Phe Asn Pro Asp Ser
240 145 150 155
242 Lys Gly Leu Ser Asn Pro Ala Glu Val Glu Ala Leu Arg Glu Lys Val
243 160 165 170
245 Trp Ala Ser Leu Glu Ala Tyr Cys Lys His Lys Tyr Pro Glu Glu Pro
246 180 185 190
248 Gly Arg Phe Ala Lys Leu Leu Leu Arg Leu Pro Ala Leu Arg Ser Ile
249 195 200 205
251 Gly Leu Lys Cys Leu Glu His Leu Phe Phe Phe Lys Leu Ile Gly Asp
252 210 215 220
254 Thr Pro Ile Asp Thr Phe Leu Met Glu Met Leu Glu Ala Pro His Glu
255 225 230 235 240

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257 Met Thr

260 &gt;160&gt; SEQ ID NO: 13

261 &gt;361&gt; LENGTH: 2116

262 &gt;212&gt; TYPE: DNA

263 &gt;213&gt; ORGANISM: Artificial Sequence

265 &gt;220&gt; FEATURE:

266 &gt;223&gt; OTHER INFORMATION: Description of Artificial Sequence: Probe

268 &gt;100&gt; SEQUENCE: 13

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269 tgaatatatg gtaagagaca agattttctc atatcaggag aaatcataac ctatgactag 20
270 gagggaaga gaaagacatg ccttttcttc agtgggaate tggacctcag cctgcaagac 40
271 aagttttcac agtgaagaaa gaaagaaat aaataaatac tctgttctcg aacaaagcag 60
272 cggctcctta gtaaaactac tctttatct atctcttgga cgggatttgt caaaagtggac 80
273 cccaaaggag aattggagc aaagaactta ccccaagaca gtaaaagagg cccagaagaa 100
274 aacc'qaag tgaacccaa aqaagctga aaccaagtg actttgtaca ctatgaggac 120
275 acaqauctta ttcctgaaa gcccaagtgc aacgaagatg agaaagtggg aggtccccaa 140
276 atctgcctga tatgtaggga caagcccaat agctataact tcaatgtcat gacatgtgaa 160
277 caatgaagag gcttttctca gaggccata aacgaaacg cccaaactag ctgccccttc 180
278 aggaagggcg cctggaagat caccgggaag acacagcaac agtgcacagg ctgcccctcg 200

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## RAW SEQUENCE LISTING

DATE: 08/01/2000

PATENT APPLICATION US/09/276,935B

TIME: 18:13:10

Input Set: A:\Pto.amc

Output Set: N:\CRF3\08042000\I276935B.raw

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278 cyaaagatgc tggagagaa catgaagaaa gaaatgatac tggcaagcga gacagtagaa 660
280 gaaatgcacg ccttgatcaa acggaagaaa agtgaagaaa caaggactca gacactagaa 680
282 ctacagagaa tggagagaaa gaaagaaatg ataatagagg acggaatcaa ag tagatg 682
284 aaaccccttg aaactacgtt ctccatcttc aaaaatttcc aaatgacagc gattgattagc 810
286 aatgcataaa agtgcacaaa ctctcttc ag acacataca ggaagaaagc tggaaatgag 800
288 agcagatgac gaaagatgtt ctctctcttg aaagtctctc taaagctcag gagggaatt 806
290 gaaattcttc gaaatcaca agacatgac gaaatgagc gaaagaaa ctctcttc 1030
292 ctacacaaa tggatgaatt ctcaacctac atgttcaaaa gaaatcaca ctctgcaaa 1035
294 gtaattctct aattcaagga ctccacctc aggaacacaa tctctctgt gaaagagagc 1130
296 gatttcagac tatctcaact gaattcaac aaatattca agcagaaac tgaacctga 1200
298 aaatgagac agtgcacta ctgattgaaa gacactgacg gtgacttcaa gaaatttca 1360
300 ctacagagaa tggatgaatt ctcaacctag ctgaagaaagc tgaatgaca tgaagagaa 1320
302 tatgtactga tggagcaat ctccctcttc tccacagacc gacaaagtgt gctacagac 1380
304 aaagtgaagc acatgctga ggaacattc gcaattactc tgaattcga gattgaatc 1410
306 aatgcagacc aaactactca taagtctctg ttccgaaga tcatgctat gctaacagag 1500
308 ctacagagaa taaatctca acacacacag cgaatgctgc gaatcagga catcacccc 1560
310 ttgctacagc cctcatgca ggaagtcttc ggaatcacag ataactgagc ggttgcctt 1620
312 gatttcagac tggatgaatt ctcaacctc agagccctct gaacagac tccgagaca 1680
314 agacaaatga aaactgcaa gacacaaa tccctgctc gctctctc ctacgaatt 1710
316 cctcatgca aaactgcaa gcaattctca ggaaggacat ggaatcccc caccacagt 1800
318 taatctctca gaaatgaaa ctcaacctc ttacgtgagc agtgcactca ctgtatgtc 1860
320 agacactca gaaagcaaa gtaacattt ccttttaaaa ggcctctag tctagagaa 1920
322 aaatctcaga atccactca agtgcagagc tgtgaagagc acgaagcaac caagatagc 1980
324 gaaatgagc tctatgcaa catagcagc ttatctgctt tctgagctt ttcatgct 2040
326 aaactaata tctctctc caattctca ctattctcc tctctctc agtgccttg 2100
328 tgaatcagc gcaattactc atcggcagt gaaatgagat ctgtgc 2116
329 -210- SEQ ID NO: 11
330 -211- LENGTH: 114
331 -212- TYPE: PRT
332 -213- ORGANISM: Artificial Sequence
333 -220- FEATURE:
334 -221- GENE INFORMATION: Description of Artificial Sequence: Protein
335 -230- SEQUENCE: 11
336 Len Glu Val Arg Pro Lys Glu Ser Trp Asn His Ala Asp Phe Val His
337 1 5 10 15
338 Cys Glu Asp Thr Glu Ser Val Pro Gly Lys Pro Ser Val Asn Ala Asp
339 20 25 30
340 Glu Glu Val Gly Gly Pro Glu Ile Cys Arg Val Cys Gly Asp Lys Ala
341 35 40 45
342 Thr Gly Trp His Phe Asn Val Met Thr Cys Glu Gly Cys Lys Gly Phe
343 50 55 60
344 Phe Arg Arg Ala Met Lys Arg Asn Ala Arg Leu Arg Cys Pro Phe Arg
345 65 70 75 80
346 Lys Gly Ala Cys Glu Ile Thr Arg Lys Thr Arg Arg Gln Cys Glu Ala
347 85 90 95
348 Cys Arg Leu Arg Lys Cys Leu Glu Ser Gly Met Lys Lys Glu Met Ile
349 100 105 110
350 Met Ser Asp Glu Ala Val Glu Glu Arg Arg Ala Leu Ile Lys Arg Lys
351 115 120 125

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VERIFICATION SUMMARY                      DATE: 08/01/2000  
PATENT APPLICATION    US/09/276,935B       TIME: 18:13:11  
  
Input Set    A:\Pto.amc  
Output Set   N:\CRF3\08042000\1276935B.raw

1646

RAW SEQUENCE LISTING                      DATE: 07/21/2000  
 PATENT APPLICATION: US/09/276,935B        TIME: 12:11:31

Input Set : A:\Sequence Listing.txt  
 Output Set : N:\CRF3\07312000\I276935B.raw

3 110 APPLICANT: ELIENR, Steven A.  
 4        DOWEN, Steven A.  
 5        WILLSON, Timothy H.  
 6 120 TITLE OF INVENTION: AN ORPHAN NUCLEAR RECEPTOR  
 7 130 FILE REFERENCE: 510-125  
 8 140 CURRENT APPLICATION NUMBER: 09/016,935B  
 9 141 CURRENT FILING DATE: 1999-03-26  
 10 150 PRIOR APPLICATION NUMBER: 60/079,593  
 11 151 PRIOR FILING DATE: 1998-03-27  
 12 160 NUMBER OF SEQ ID NOS: 18  
 13 170 SOFTWARE: Patent In Vols 2.0

Does Not Comply  
 Corrected Diskette Needed

# ERRORED SEQUENCES

130 210 SEQ ID NO: 18  
 131 211 LENGTH: 21  
 132 212 TYPE: DNA  
 133 213 ORGANISM: Artificial Sequence  
 134 214 FEATURE  
 135 221 OTHER INFORMATION: Description of Artificial Sequence: Probe  
 136 400 SEQUENCE: 18  
 136 agatgaatt catgaattt c

21

E--> 446 (8)



VERIFICATION SUMMARY

DATE: 07/31/2000

PRINT APPLICATION: US/09/276,935B

TIME: 12:11:36

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Output Set N:\CRF3\07312000\I276935B.raw

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